

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E72195

Participation : CTR

Employer : Madigan Army Medical Center

Status : Affected

Worksite : Madigan Army Medical Center

Survey Type : Online

Street : 9040 A Jackson Ave

Response Rate : 13%

Jurisdiction : Unincorporated Pierce County

Survey Date : 10/10/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 23.4%

Drive Alone Rate : 76.6%

One-Way VMT per employee : 12.2

Average One-Way distance home to work : 14.8

Employees and Survey Response Information

Reported Total Employees at Worksite: 5,000

Surveys Distributed : 5,000

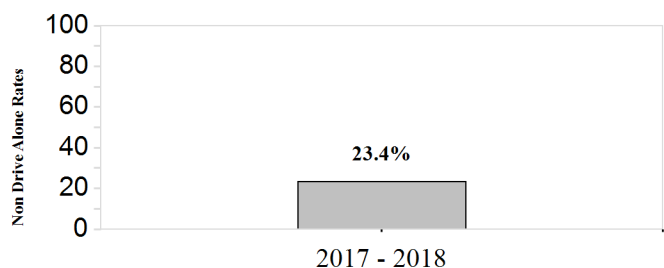
Surveys Returned : 635

Surveys Returned by CTR Affected* Employees : 574

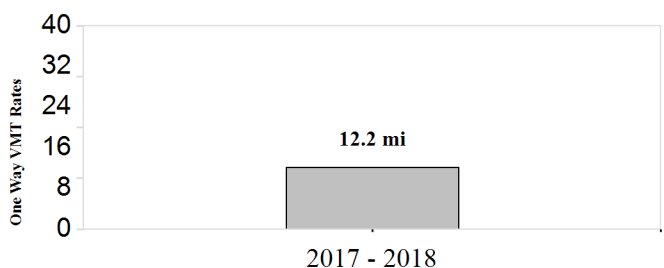
Total Estimated CTR Affected Employees at Worksite : 4,520

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

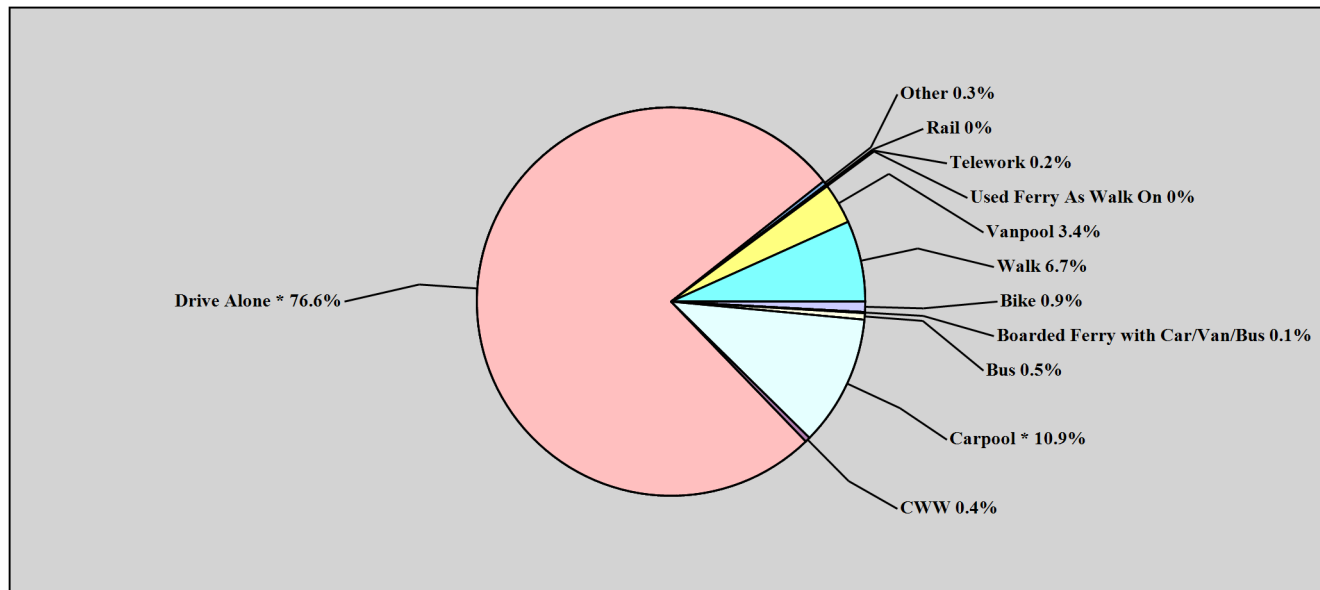
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	23.4%	23.7%	1531	12051	21.3	12.2	12.2
Target	29.4%				Target:	10.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	0.0				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



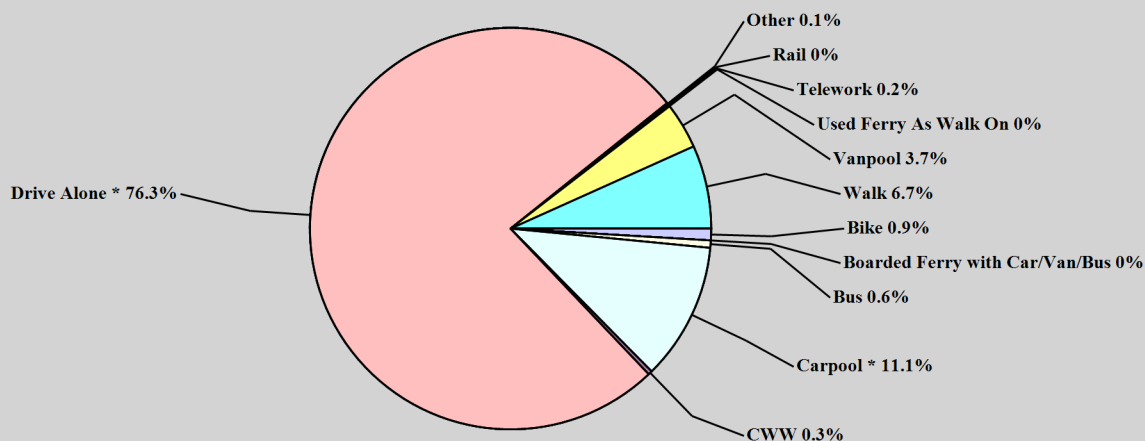
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,418	76.6%	0.0%	504	79.4%	0.0%
Carpool *	344	10.9%	0.0%	80	12.6%	0.0%
Vanpool	107	3.4%	0.0%	25	3.9%	0.0%
Bus	17	0.5%	0.0%	4	0.6%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	27	0.9%	0.0%	7	1.1%	0.0%
Walk	213	6.7%	0.0%	46	7.2%	0.0%
Telework	5	0.2%	0.0%	1	0.2%	0.0%
CWW	13	0.4%	0.0%	11	1.7%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	11	0.3%	0.0%	3	0.5%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,194	76.3%	0.0%	453	78.9%	0.0%
Carpool *	318	11.1%	0.0%	75	13.1%	0.0%
Vanpool	107	3.7%	0.0%	25	4.4%	0.0%
Bus	17	0.6%	0.0%	4	0.7%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	27	0.9%	0.0%	7	1.2%	0.0%
Walk	193	6.7%	0.0%	42	7.3%	0.0%
Telework	5	0.2%	0.0%	1	0.2%	0.0%
CWW	9	0.3%	0.0%	9	1.6%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	4	0.1%	0.0%	2	0.3%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	466	73%	635	100%
1 Days	16	3%	169	27%
2 Days	8	1%	153	24%
3 Days	8	1%	145	23%
4 Days	12	2%	137	22%
5 Days	117	18%	125	20%
6 or More Days	8	1%	8	1%

Count by Occupancy of Carpools and Vanpools

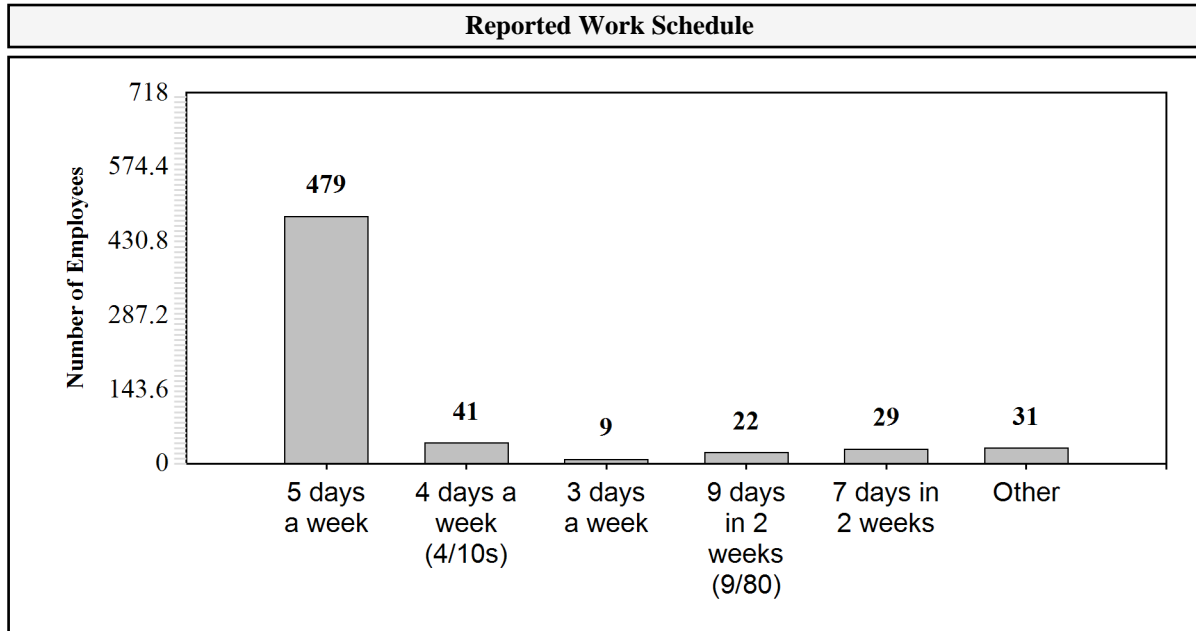
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	225
3	Carpool	69
4	Carpool	38
5	Carpool	12
>5	Carpool	0
<5	Vanpool	52
5	Vanpool	15
6	Vanpool	22
7	Vanpool	4
8	Vanpool	14
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

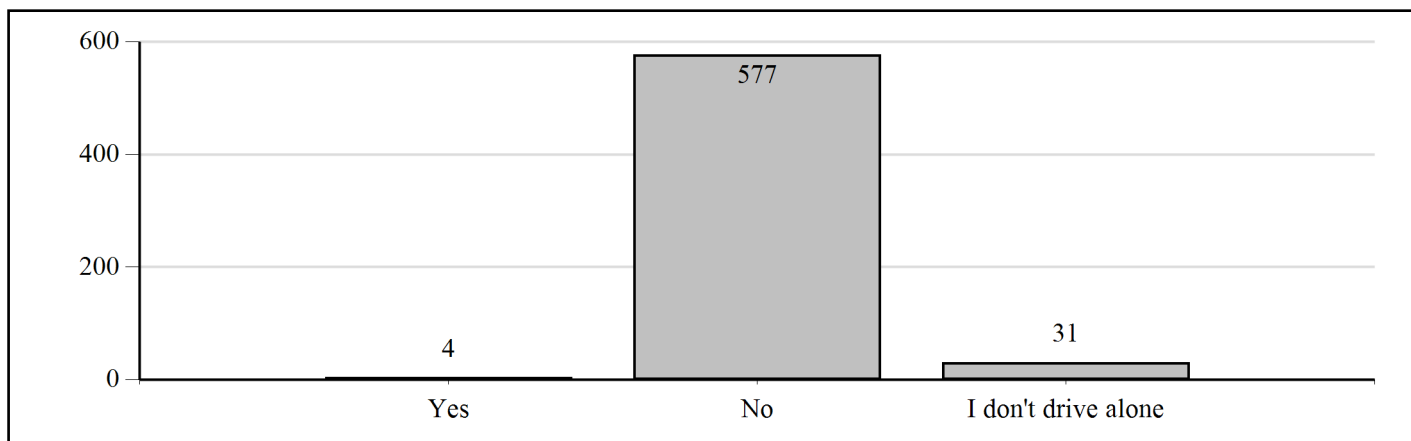
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	479	78.4%
4 days a week (4/10s)	41	6.7%
3 days a week	9	1.5%
9 days in 2 weeks (9/80)	22	3.6%
7 days in 2 weeks	29	4.7%
Other	31	5.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	23	3.6%
I don't telework	580	91.3%
Occasionally, on an as-needed basis	22	3.5%
1-2 days/month	2	0.3%
1 day/week	1	0.2%
2 days/week	1	0.2%
3 days/week	6	0.9%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	163	21.6%
Other	111	14.7%
Personal health or well-being	77	10.2%
Financial incentives for carpooling, bicycling or walking.	74	9.8%
Driving myself is not an option	68	9.0%
Environmental and community benefits	63	8.4%
Free or subsidized bus, train, vanpool pass or fare benefit	53	7.0%
Cost of parking or lack of parking	39	5.2%
Preferred/reserved carpool/vanpool parking is provided	37	4.9%
To save time using the HOV lane	33	4.4%
Emergency ride home is provided	21	2.8%
I have the option of teleworking	12	1.6%
I receive a financial incentive for giving up my parking space	3	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	365	28.3%
Riding the bus or train is inconvenient or takes too long	242	18.8%
Other	181	14.1%
Family care or similar obligations	173	13.4%
My commute distance is too short	124	9.6%
My job requires me to use my car for work	81	6.3%
Bicycling or walking isn't safe	72	5.6%
I need more information on alternative modes	42	3.3%
There isn't any secure or covered bicycle parking	8	0.6%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98431	69	10.87%	59	135	0	0	0	0	3	154	0	1	0	0	0
98433	57	8.98%	195	21	0	5	0	0	16	54	0	0	0	0	0
98387	37	5.83%	159	20	0	2	0	0	0	0	0	1	0	0	0
98516	36	5.67%	143	20	10	0	0	0	0	0	0	0	3	0	0
98503	33	5.20%	138	22	3	2	0	0	0	0	0	0	0	0	0
98327	30	4.72%	142	16	0	1	0	0	1	0	0	0	0	0	3
98513	29	4.57%	111	10	5	10	0	0	0	0	0	0	0	0	0
98498	28	4.41%	119	15	0	0	0	0	0	0	0	0	0	0	0
98597	22	3.46%	80	0	20	0	0	0	0	0	0	0	0	0	0
98499	20	3.15%	70	20	0	0	8	0	5	0	0	0	0	0	0
98375	17	2.68%	67	0	4	5	0	0	0	0	0	0	0	0	0
98445	17	2.68%	71	6	0	5	4	0	0	0	0	0	0	0	0
98374	11	1.73%	43	5	5	0	0	0	0	0	0	0	0	0	0
98444	10	1.57%	37	5	5	5	0	0	0	0	0	0	0	0	0
98335	9	1.42%	46	0	2	0	0	0	0	0	0	0	0	0	0
98501	9	1.42%	35	10	0	0	0	0	0	0	0	0	0	0	0
98388	8	1.26%	34	6	0	0	0	0	0	0	0	0	0	0	0
98407	8	1.26%	38	0	0	0	0	0	2	0	0	0	0	0	0
98466	8	1.26%	37	0	0	0	0	0	0	0	0	0	0	0	0
98580	8	1.26%	37	0	0	0	0	0	0	0	0	0	0	0	0
98373	7	1.10%	35	0	0	0	0	0	0	0	0	0	0	0	0
98403	7	1.10%	27	1	0	0	0	0	0	5	0	0	0	0	0
98467	7	1.10%	40	0	0	0	0	0	0	0	0	0	0	0	0
98512	7	1.10%	22	0	5	0	0	0	0	0	5	0	0	0	0
98367	6	0.94%	18	4	5	0	0	0	0	0	0	0	0	0	0
98371	6	0.94%	22	5	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98338	5	0.79%	17	5	0	0	0	0	0	0	0	0	0	0	0
98372	5	0.79%	19	0	7	0	0	0	0	0	0	1	0	0	0
98391	5	0.79%	15	0	9	0	0	0	0	0	0	1	0	0	0
98366	4	0.63%	19	0	0	0	0	0	0	0	0	0	0	0	0
98406	4	0.63%	16	0	0	0	0	0	0	0	0	1	0	0	0
98409	4	0.63%	21	0	0	0	0	0	0	0	0	0	0	0	0
98424	4	0.63%	24	0	0	0	0	0	0	0	0	0	0	0	0
98502	4	0.63%	18	0	0	0	0	0	0	0	0	1	0	0	0
99011	4	0.63%	21	0	0	0	0	0	0	0	0	0	0	0	0
99224	4	0.63%	22	0	0	0	0	0	0	0	0	0	0	0	0
98328	3	0.47%	14	0	0	0	0	0	0	0	0	1	0	0	0
98332	3	0.47%	17	0	0	0	0	0	0	0	0	0	0	0	0
98404	3	0.47%	16	0	0	0	0	0	0	0	0	3	0	0	0
98408	3	0.47%	10	5	0	0	0	0	0	0	0	0	0	0	0
98439	3	0.47%	15	0	0	0	0	0	0	0	0	0	0	0	0
98579	3	0.47%	13	0	0	2	0	0	0	0	0	0	0	0	0
98584	3	0.47%	10	5	0	0	0	0	0	0	0	0	0	0	0
98001	2	0.31%	5	5	0	0	0	0	0	0	0	0	0	0	0
98023	2	0.31%	7	2	0	0	0	0	0	0	0	0	0	0	0
98032	2	0.31%	11	0	0	0	0	0	0	0	0	0	0	0	0
98092	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98116	2	0.31%	9	0	0	0	0	0	0	0	0	0	0	0	0
98121	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98329	2	0.31%	0	0	10	0	0	0	0	0	0	0	0	0	0
98354	2	0.31%	5	0	5	0	0	0	0	0	0	0	0	0	0
98360	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98402	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98418	2	0.31%	4	0	0	0	5	0	0	0	0	0	0	0	0
98443	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	1



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98446	2	0.31%	6	0	4	0	0	0	0	0	0	0	0	0	0
98506	2	0.31%	8	0	0	0	0	0	0	0	0	1	0	0	0
98589	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
	1	0.16%	7	0	0	0	0	0	0	0	0	0	0	0	0
97060	1	0.16%	4	0	0	0	0	0	0	0	0	0	0	0	0
97401	1	0.16%	0	0	0	0	0	0	0	0	0	0	0	0	7
98034	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98039	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.16%	4	0	0	0	0	0	0	0	0	1	0	0	0
98058	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98307	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98321	1	0.16%	3	0	0	0	0	0	0	0	0	0	0	0	0
98333	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98344	1	0.16%	4	0	0	0	0	0	0	0	0	0	0	0	0
98348	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98383	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98384	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98394	1	0.16%	1	0	4	0	0	0	0	0	0	0	0	0	0
98405	1	0.16%	4	0	0	0	0	0	0	0	0	1	0	0	0
98455	1	0.16%	7	0	0	0	0	0	0	0	0	0	0	0	0
98468	1	0.16%	3	0	0	0	0	0	0	0	0	0	0	0	0
98509	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98570	1	0.16%	4	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.16%	0	0	4	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98732	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99001	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99004	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99026	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99202	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99206	1	0.16%	7	0	0	0	0	0	0	0	0	0	0	0	0
99208	1	0.16%	7	0	0	0	0	0	0	0	0	0	0	0	0
99216	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
99223	1	0.16%	0	0	0	0	0	0	0	0	0	0	0	0	0